



Express Mail No.: **EL 477 037 475 US**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED**

Application of: Jackson and Pace

JUL 22 2002

Application No.: 09/542,520

Group Art Unit: 1656

Filed: April 3, 2000

Examiner: Sharon Turner

**TECH CENTER 1600/2900**

For: *CHLAMYDIA* PROTEIN, GENE  
SEQUENCE AND USES THEREOF

Attorney Docket No.: 7969-076-999

**RESPONSE TO REPLY TO NOTICE OF NON-RESPONSIVE AMENDMENT**

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In response to the Notice of Non-Responsive Amendment submitted on May 1, 2002, which Notice indicates that the Amendment was not signed by representatives for Applicants, enclosed is a copy of the Response as previously filed which is signed by the representative for Applicants. For convenience, a copy of all the documents previously submitted is enclosed, which copy is identical except that, a new Express Mail Number has been added to the Response, and the Response is signed and dated with today's date by representatives for Applicants. No fee is believed due, but if any fee is due please charge Pennie & Edmonds LLP Deposit Account No. 16-1150.

Please make all documents of record.

Respectfully submitted,

Date July 17, 2002

Geraldine F. Baldwin 31,232  
Geraldine F. Baldwin (Reg. No.)

**PENNIE & EDMONDS LLP**  
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New York, New York 10036-2711  
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DmJ  
7-23-02

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**RESPONSE TO REQUIREMENT FOR RESTRICTION WITH AMENDMENTS**

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the outstanding Office Action dated December 4, 2001, please enter the following amendment and consider the remarks below. Submitted herewith are: (1) as Exhibit A, Parts 1-3, i.e., Part 1, a copy of Clustal comparisons for the amino acid sequences of SEQ ID NOS.: 2, 15, 16 and the amino acid sequence of the *Chlamydia* high molecular weight (HMW) protein encoded by plasmid pJJ701; (Parts 2 and 3), a copy of comparisons, using Clustal method, of the amino acid sequence of the *Chlamydia* high molecular weight (HMW) proteins comprising SEQ ID NOS.: 2, 15 and 16 and the amino acid sequence of HMW protein encoded by plasmid pAH342 (Part 2) and a comparison of the nucleotide sequences of SEQ ID NOS.: 1, 23 and 24 (Part 3); (2) Exhibit B, Parts 1 and 2, (a) copy of the nucleotide sequence of SEQ ID NO.: 23 and the amino acid sequenced encoded by said sequence (Part 1) and (b) a copy of the nucleotide sequence of SEQ ID NO.: 24 and the amino acid sequence encoded by said sequence; (3) Exhibit C, a Statement on behalf of the Assignee of this application relating to the availability of the deposits, and a copy of the